

ABSTRACT

The present invention is directed to mineral-filled polyester compounds and films which are produced by melt blowing polyester resins containing 10 to 50 wt% fillers. The fillers are selected from two different groups: the first consisting of block type fillers including inorganic carbonates, synthetic carbonates, feldspar, nepheline syenite, magnesium oxide, magnesium hydroxide, aluminum trihydrate, and diatomaceous earth; the second consisting of platy fillers including talc, mica, or calcined clays, all having a particle size less than 150 mesh. These fillers may be employed in mixtures to yield films and molded articles characterized by improved stiffness, handling, and end-use characteristics, increased rates of environmental degradation in biological and photochemical processes, and reduced cost.